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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,493	03/18/2004	Brian W. Casto	31746/04002	7613
24024 7590 02/07/2008 CALFEE HALTER & GRISWOLD, LLP 800 SUPERIOR AVENUE SUITE 1400 CLEVELAND, OH 44114			EXAMINER BEAMER, TEMICA M	
			ART UNIT 2617	PAPER NUMBER
			MAIL DATE 02/07/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/804,493

Applicant(s)

CASTO ET AL.

Examiner

Temica M. Beamer

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 August 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 5-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 7-20 is/are rejected.
- 7) ☒ Claim(s) 5 and 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1, 2 and 5-20 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 7-9, 12 and 14-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams et al (Adams), U.S. Patent No. 6,876,642 in view of Saxena et al (Saxena), U.S. Patent No. 7,317,896.

Regarding claims 1, 7-9, 12 and 14-20, Adams discloses inherently, a power supply converting said input power to a system power as evidenced by the fact the system is electronically coupled to the vehicle and is electronically operational (abstract and see figure 2), a WLAN bridge receiving said system power, a WWAN bridge receiving said system power and a mobile access router receiving said system power and facilitating data communications between said WLAN bridge and said WWAN bridge (cellular telephone is capable to communicate with the WLAN and the WWAN via EWLAN) (col. 3, lines 22-44) and a case which carries said power supply, said WLAN

bridge, WWAN bridge and said mobile access router (i.e., the vehicle can read on the carrier) (col. 2, lines 5-21; figure2).

Adams, however fails to specifically disclose wherein any type of power can be received by the power supply and a case which carries said power supply and an inverter, wherein the inverter receives and transforms an external mobile voltage value into an internal value, wherein said internal voltage value is received by said power supply for conversion to said system power.

In a similar field of endeavor, Saxena discloses a mobile wireless router having a power supply, wherein the router is configured to communicate wirelessly through an antenna with a wireless enabled communication device.

Saxena further reads on wherein any type of power can be received by the power supply and a case which carries said power supply and an inverter, wherein the inverter receives and transforms an external mobile voltage value into an internal value, wherein said internal voltage value is received by said power supply for conversion to said system power (col. 1, lines 31-46, col. 2, lines 5-19, col. 2, line 35-col. 3, line 10, col. 3, line 66-col. 4, line 21; figures 1-4).

At the time of invention, it would have been obvious to a person of ordinary skill in the art to modify Adams with the teachings of Saxena for the purpose of powering the router via multiple means.

The combination further discloses wherein a power adapter is configured to receive AC or DC power and supply various output voltage levels through various configurations of connections/cables (Saxena, col. 3, line 66-12)

4. Claims 2, 10, 11 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams and Saxena and further in view of well-known prior art.

Regarding claim 2, the combination of Adams and Saxena discloses the system according to claim 1 as described above. The combination, however, fails to specifically disclose a firewall coupled to the mobile access router and to said WLAN to monitor communications.

The examiner contends, however, that the use of firewalls in a computer environment is very well-known in the art for providing a secure environment and the examiner takes official notice as such.

Therefore, at the time of invention, it would have been obvious to a person of ordinary skill in the art to modify the combination of Adams and Saxena with teachings of well-known prior art for the purpose of protecting the computer system from "outsiders".

Regarding claim 13, the combination of Adams and Saxena discloses the system according to claim 3 as described above. The combination, however, fails to disclose an encryptor associated with said mobile access router to encrypt communications associated with said WWAN bridge and WLAN bridge.

The examiner contends, however, that the use of encryption is very well-known in the art for providing a secure environment and the examiner takes official notice as such.

Therefore, at the time of invention, it would have been obvious to a person of ordinary skill in the art to modify the combination of Adams and Saxena with teachings of well-known prior art for the purpose of ensuring privacy to the computer system.

Regarding claims 10 and 11, the combination of Adams and Saxena discloses the system according to claim 1 as described. The combination, however, fails to disclose a fan carried within the case, said case having an intake port and an exhaust port, wherein said fan generates an air flow through said ports.

The examiner contends, however, that such features are well-known in the art and the examiner takes official notice as such.

At the time of invention, it would have been obvious to a person of ordinary skill in the art to modify the combination of Adams and Saxena with well-known prior art for the purpose of ensuring the electrical system does not overheat.

Allowable Subject Matter

5. Claims 5 and 6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

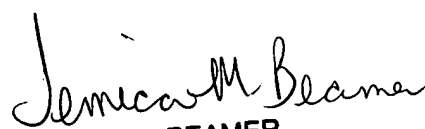
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Temica M. Beamer whose telephone number is (571) 272-7797. The examiner can normally be reached on Monday-Thursday (alternate Fridays) 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on (571) 272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Temica M. Beamer
Primary Examiner
Art Unit 2617

tmb


TEMICA BEAMER
PRIMARY EXAMINER